

02-15-05

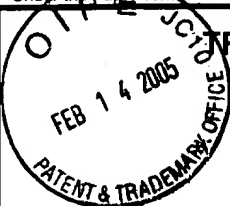
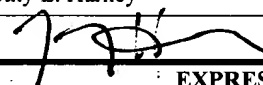
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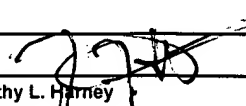
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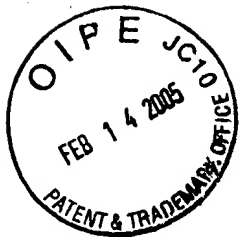
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/915,472	
		Filing Date	July 26, 2001	
		First Named Inventor	John Bodenschatz	
		Art Unit	2634	
		Examiner Name	Cicely Q. Ware	
Total Number of Pages in This Submission		19	Attorney Docket Number	13156US02
<b>ENCLOSURES (check all that apply)</b>				
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return-Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Replacement Sheet of FIG. 9 of drawings (1 p.)		
Remarks				
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>				
Firm or Individual Name	McAndrews Held & Malloy, Ltd.			
Name (Print/type)	Timothy L. Harney	Registration No. (Attorney/Agent)	38,174	
Signature			Date: February 14, 2005	
<b>EXPRESS MAIL DEPOSIT</b>				
"Express Mail" mailing label number : EV 435257881 US Date of Deposit February 14, 2005.				

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Effective on 12/08/2004. Fees pursuant to the consolidated Appropriates Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> FEB 14 2005 for FY 2005		<b>Complete if Known</b>																						
Applicant's small entity status. See 37 CFR 1.27		Application Number	09/915,472																					
		Filing Date	July 26, 2001																					
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		Examiner Name	Cicely Q. Ware																					
		Art Unit	2634																					
		Attorney Docket No.	13156US02																					
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METHOD OF PAYMENT (check all that apply)																								
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For the above-identified deposit account, the Director is hereby authorized to (check all that apply)																								
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<b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																								
<b>FEE CALCULATION</b>																								
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>																								
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)																	
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)																		
Utility	300	150	500	250	200	100																		
Design	200	100	100	50	130	65																		
Plant	200	100	300	150	160	80																		
Reissue	300	150	500	250	600	300																		
Provisional	200	100	0	0	0	0																		
							<b>Small Entity</b>																	
<b>Fee Description</b>							<b>Fee(\$)</b>																	
Each claim over 20, or for Reissues, each claim over 20 and more than in the original patent							50																	
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent							200																	
Multiple dependent claims							360																	
							180																	
<table border="0" style="width: 100%;"> <tr> <td><b>Total Claims</b></td> <td><b>Extra Claims</b></td> <td><b>Fee(\$)</b></td> <td><b>Fee Paid (\$)</b></td> </tr> <tr> <td>42</td> <td>-24 HP</td> <td>18</td> <td>50</td> </tr> <tr> <td colspan="2"></td> <td>x</td> <td>=</td> </tr> <tr> <td colspan="2"></td> <td></td> <td>900</td> </tr> </table>							<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee(\$)</b>	<b>Fee Paid (\$)</b>	42	-24 HP	18	50			x	=				900	<b>Multiple Dependent Claims</b> <b>Fee</b> <b>Fee Paid (\$)</b>	
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee(\$)</b>	<b>Fee Paid (\$)</b>																					
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8	-8 HP	0	200																					
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HP = highest number of total claims paid for, if greater than 20																								
HP = highest number of independent claims paid for, if greater than 3																								
<b>3. APPLICATION SIZE FEE</b> If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).																								
<table border="0" style="width: 100%;"> <tr> <td><b>Total Sheets</b></td> <td><b>Extra Sheets</b></td> <td><b>Number of each additional 50 or fraction thereof</b></td> <td><b>Fee(\$)</b></td> <td><b>Fee Paid(\$)</b></td> </tr> <tr> <td>-100</td> <td>/50</td> <td>(round up to a whole number)</td> <td>x</td> <td>=</td> </tr> </table>								<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee(\$)</b>	<b>Fee Paid(\$)</b>	-100	/50	(round up to a whole number)	x	=							
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<b>4. OTHER FEE(S)</b> Non-English Specification, \$130 fee (no small entity discount) Other:																								
<b>Fee Paid(\$)</b>																								
<b>SUBMITTED BY</b>																								
Signature				Registration No.	38,174	Telephone	(312)775-8000																	
Name (print/type)	Timothy L. Hamrey			Date	February 14, 2005																			



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 13156US02)

In the Application of:

John Bodenschatz

Serial No.: 09/915,472

Filed: July 26, 2001

For: DIGITAL PHASE LOCKED LOOP  
FOR REGENERATING THE  
CLOCK OF AN EMBEDDED  
SIGNAL

Examiner: Cicely Q. Ware

Group Art Unit: 2634

Confirmation No.: 6327

EXPRESS MAIL

Label No. EV 435257881 US

Date of Deposit: February 14, 2005

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

This amendment is filed in response to the Office Action mailed November 26, 2004. Applicants note that in the Office Action the Examiner rejected claims 1-4, 8-14 and 17-24 and objected to claims 5-7, 15 and 16. By this amendment, claims 5 and 8-25 are cancelled, claims 1, 3 and 6 are amended and claims 25-60 are added. It is respectfully submitted that the pending claims define allowable subject matter.

02/17/2005 CNGUYEN 00000031 09915472

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**AMENDMENTS TO THE SPECIFICATION** begin on page 3 of this paper.

**AMENDMENTS TO THE CLAIMS** are reflected in the listing of claims which begins on page 5 of this paper.

**AMENDMENTS TO THE DRAWINGS** begin on page 13 of this paper and includes an attached replacement sheet.

The **REMARKS** begin on page 14 of this paper.

An **APPENDIX** including amended drawing figures is attached following page 17 of this paper.